

## WEST Search History

   

DATE: Tuesday, November 06, 2007

Hide?	<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>
			<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L87	L86 and (parallel or bar or rod or beam)		33
<input type="checkbox"/>	L86	L83 and (lug)		36
<input type="checkbox"/>	L85	L84 and (lug)		0
<input type="checkbox"/>	L84	L83 and ((multi or multiple or plural or dual or tri) with (pole or polar) with (switch\$4))		13
<input type="checkbox"/>	L83	L82 and (coil with capacit\$4 with circuit\$3)		1398
<input type="checkbox"/>	L82	L81 and (switch\$4)		54087
<input type="checkbox"/>	L81	(commutat\$3)		115403
<input type="checkbox"/>	L80	L79 and (vacuum)		9
<input type="checkbox"/>	L79	L70 and L43		39
<input type="checkbox"/>	L78	L77 and L43		2
<input type="checkbox"/>	L77	L76 and (((coil or antenna or probe or winding or loop or ring or anulus or anular\$2) same (capacit\$4)) same (circuit\$4))		77
<input type="checkbox"/>	L76	L75 and (disconnect\$4 or dis-connect\$4 or remov\$4 or eliminat\$4)		102
	L75	L74 and ((toggle or togg\$4 or movable or move or moved or moving or motion or alternat\$4 or change or changeable or changing or changed or varied or variable or oscillat\$4 or varying or rotat\$4 or nutat\$4 or flip\$4 or tip\$4 or twist\$4 or dial\$4 or rotary) same ((quiescent\$3 or inactiv\$3 or "off" or rest\$3) same (position or state or operat\$4 or mode)))		110
<input type="checkbox"/>	L74	L73 and ((inserting or inserted or insertable or adding or added or add or includ\$3 or additional) with (switch\$4))		134
<input type="checkbox"/>	L73	L72 and ((coil or antenna or probe or winding or loop or ring or anulus or anular\$2) same (capacit\$4))		262
<input type="checkbox"/>	L72	L71 and (capacit\$4)		419
<input type="checkbox"/>	L71	L70 and ((quiescent\$3 or inactiv\$3 or "off" or rest\$3) same (position or state or operat\$4 or mode))		444
<input type="checkbox"/>	L70	L69 and ((contact\$4 or connect\$4 or link\$4 or bridg\$4 or end or terminus or termin\$4 or node) same (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))		1539
<input type="checkbox"/>	L69	L68 and (((nuclear or magnetic or electron) with (resonan\$2)) or NMR or MRI or ESR)		3154
<input type="checkbox"/>	L68	(equivalent same series same resistan\$2)		25087
<input type="checkbox"/>	L67	L65 and (equivalent same series same resistan\$2)		2
<input type="checkbox"/>	L66	L65 and (equivalent same series same resistant)		1
<input type="checkbox"/>	L65	L64 and ((series) same (switch\$4))		19
<input type="checkbox"/>	L64	L49 and ((contact\$4 or connect\$4 or link\$4 or bridg\$4 or end or terminus or termin\$4 or node) same (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))		31
<input type="checkbox"/>	L63	L62 and (((nuclear or magnetic or electron) with (resonan\$2)) or NMR or MRI or ESR)		1

<input type="checkbox"/>	L62 (series with resistant with switch\$4)	120
<input type="checkbox"/>	L60 and ((contact\$4 or connect\$4 or link\$4 or bridg\$4 or end or terminus or termin\$4 or node)	
<input type="checkbox"/>	L61 same (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	5
<input type="checkbox"/>	L60 L59 and ((series) same (switch\$4))	24
<input type="checkbox"/>	L59 fetzner	369
<input type="checkbox"/>	L58 L57 and ((series) same (switch\$4))	12
<input type="checkbox"/>	L57 L56 and (parallel)	19
<input type="checkbox"/>	L56 L55 and (series)	26
<input type="checkbox"/>	L55 L54 and ((contact\$4 or connect\$4 or link\$4 or bridg\$4) same (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	27
<input type="checkbox"/>	L54 L49 and (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	55
<input type="checkbox"/>	L53 L52 and ((contact\$4 or connect\$4 or link\$4 or bridg\$4) same (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu"))	23
<input type="checkbox"/>	L52 L51 and (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	50
<input type="checkbox"/>	L51 L50 and (((coil or antenna or probe or winding or loop or ring or anulus or anular\$2) same (capacit\$4)) same (circuit\$4))	79
<input type="checkbox"/>	L50 L49 and (circuit\$4)	94
<input type="checkbox"/>	L49 L48 and L43	96
<input type="checkbox"/>	L47 and ((toggle or toggl\$4 or movable or move or moved or moving or motion or alternat\$4 or change or changeable or changing or changed or varied or variable or oscillat\$4 or varying or rotat\$4 or nutat\$4 or flip\$4 or tip\$4 or twist\$4 or dial\$4 or rotary) same ((quiescent\$3 or inactiv\$3 or "off" or rest\$3) same (position or state or operat\$4 or mode)))	1349
<input type="checkbox"/>	L47 L46 and (disconnect\$4 or dis-connect\$4 or remov\$4 or eliminat\$4)	1798
<input type="checkbox"/>	L46 L32 and ((inserting or inserted or insertable or adding or added or add or includ\$3 or additional) with (switch\$4))	2185
<input type="checkbox"/>	L45 L44 and (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	4
<input type="checkbox"/>	L44 L43 and L41 (((324/300  324/301  324/302  324/303  324/304  324/305  324/306  324/307  324/308  324/309  324/310  324/311  324/312  324/313  324/314  324/315  324/316  324/317  324/318  324/319  324/320  324/321  324/322).ccls.) or ((600/407  600/408  600/409  600/410  600/411  600/412  600/413  600/414  600/415  600/416  600/417  600/418  600/419  600/420  600/421  600/422  600/423  600/424  600/425  600/426  600/427  600/428  600/429  600/430  600/431  600/432  600/433  600/434  600/435).ccls.) or ((333/219  333/219.1  333/219.2  333/220  333/221  333/222  333/223  333/224  333/225  333/226  333/227  333/228  333/229  333/230  333/231  333/232  333/233  333/234  333/235).ccls.) or ((335/296  335/297  335/298  335/299  335/300  335/301  335/302  335/303  335/304  335/305  335/306).ccls.) or ((382/128  382/129  382/130  382/131).ccls.))	32935
<input type="checkbox"/>	L42 L41 and (lug)	6
<input type="checkbox"/>	L41 L40 and ((Multiple or "multi" or multipole or "multi-pole") same (switch\$4))	226
<input type="checkbox"/>	L39 and ((toggle or toggl\$4 or movable or move or moved or moving or motion or alternat\$4 or change or changeable or changing or changed or varied or variable or oscillat\$4 or varying or rotat\$4 or nutat\$4 or flip\$4 or tip\$4 or twist\$4 or dial\$4 or rotary) same ((quiescent\$3 or inactiv\$3 or "off" or rest\$3) same (position or state or operat\$4 or mode)))	
<input type="checkbox"/>	L40	468

<input type="checkbox"/>	L38 and (toggle or toggl\$4 or movable or move or moved or moving or motion or alternat\$4 or change or changeable or changing or changed or varied or variable or oscillat\$4 or varying or rotat\$4 or nutat\$4 or flip\$4 or tip\$4 or twist\$4 or dial\$4 or rotary)	547
<input type="checkbox"/>	L38 and (((tiny or minescul\$2 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume)) same (position or state or operat\$3 or mode))	547
<input type="checkbox"/>	L36 and (((tiny or minescul\$4 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume)) same (position or state or operat\$4 or mode))	547
<input type="checkbox"/>	L36 and ((tiny or minescul\$4 or small or little or minor or bit) with (gap or space or hole or distance or area or region or zone or volume))	1028
<input type="checkbox"/>	L34 and (toggle or toggl\$4 or movable or move or moved or moving or motion or alternat\$4 or change or changeable or changing or changed or varied or variable or oscillat\$4 or varying or rotat\$4 or nutat\$4 or flip\$4 or tip\$4 or twist\$4 or dial\$4 or rotary)	520
<input type="checkbox"/>	L34 and (gold or silver or copper or metal or metalic\$4 or rhodium or "rh" or "Ag" or "Au" or mercury or "cu")	520
<input type="checkbox"/>	L32 and ((tiny or minescul\$4 or small or little or minor or bit) with (gap or space or hole or distance))	622
<input type="checkbox"/>	L32 and L31 and ((switch\$4) same (contact\$4 or connect\$4 or link\$4 or bridg\$4))	3249
<input type="checkbox"/>	L30 and ((coil or antenna or probe or winding or loop or ring or anulus or anular\$2) same (capacit\$4))	4129
<input type="checkbox"/>	L30 and (capacit\$4)	8389
<input type="checkbox"/>	L29 and (contact\$4 or connect\$4 or link\$4 or bridg\$4)	12764
<input type="checkbox"/>	L28 and (coil or antenna or probe or winding or loop or ring or anulus or anular\$2)	13094
<input type="checkbox"/>	L27 and (switch\$4)	15115
<input type="checkbox"/>	L26 and (((nuclear or magnetic or electron) with (resonan\$2)) or NMR or MRI or ESR)	41820
<input type="checkbox"/>	L25 and ((quiescent\$3 or inactiv\$3 or "off" or rest\$3) same (position or state or operat\$4 or mode))	2910591
<input type="checkbox"/>	L24 and ((quiescent\$4 or inactiv\$4 or "off" or rest\$3) same (position or state or operat\$4 or mode))	2918988
<input type="checkbox"/>	L23 and (quiescent\$4)	2
<input type="checkbox"/>	L22 and (switch\$4)	179
<input type="checkbox"/>	L21 and (switch\$4)	1
<input type="checkbox"/>	L20 and (((nuclear or magnetic or electron) with (resonan\$2)) or NMR or MRI or ESR)	1
<input type="checkbox"/>	L19 and ((equivalent same series same resistant) same (switch\$4))	85
<input type="checkbox"/>	L18 and ((equivalent with series with resistant) same (switch\$4))	1
<input type="checkbox"/>	L17 and (equivalent with series with resistant)	52
<input type="checkbox"/>	L16 and (equivalent same series same resistant)	1659
<input type="checkbox"/>	L15 and (equivalent same series same resistant)	25
<input type="checkbox"/>	L14 and (equivalent with series with resistant)	1
<input type="checkbox"/>	L13 and (((nuclear or magnetic or electron) with (resonan\$2)) or NMR oe ESR)	149464
<input type="checkbox"/>	L12 and (lug)	8
<input type="checkbox"/>	L11 and (parallel or bar or rod or beam)	176
<input type="checkbox"/>	L10 and ((multi or multiple or plural or dual or tri or bi) with (pole or polar) with (switch\$4))	216
<input type="checkbox"/>	L9 and (parallel or bar or rod or beam)	3
<input type="checkbox"/>	L8 and (lug)	3
<input type="checkbox"/>	L7 and ((multi or multiple or plural or dual or tri) with (pole or polar) with (switch\$4))	24

<input type="checkbox"/>	L6	L2 and ((switch\$4) with ((member or surface) with (contact or node or connect\$3)))	1659
<input type="checkbox"/>	L5	L2 and ((switch\$4) with ((member or surface) with (contact or node or connect\$3)))	0
<input type="checkbox"/>	L4	L2 and ((member or surface) with (contact or node or connect\$3))	5963
<input type="checkbox"/>	L3	L2 and (member or surface or contact or node or connect\$3)	25273
<input type="checkbox"/>	L2	L1 and (switch\$4)	26735
<input type="checkbox"/>	L1	(coil with capacit\$4 with circuit\$3)	43787

END OF SEARCH HISTORY

# Hit List

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Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 20060091886 A1

L9: Entry 1 of 3

File: PGPB

May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060091886

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060091886 A1

TITLE: Low esr switch for nuclear resonance measurements

PUBLICATION-DATE: May 4, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Flexman; John Harold	Western Australia		AU
Aitken; Christopher Norman	Western Australia		AU

US-CL-CURRENT: 324/322

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn Desc](#) [Image](#)

2. Document ID: US 2996612 A

L9: Entry 2 of 3

File: USOC

Aug 15, 1961

US-PAT-NO: 2996612

DOCUMENT-IDENTIFIER: US 2996612 A

TITLE: Stop-on-signal radio tuning means

DATE-ISSUED: August 15, 1961

INVENTOR-NAME: ANDREWS EDWARD F

US-CL-CURRENT: 455/161.3; 116/254, 334/19, 334/74, 381/396, 455/234.1, 455/343.1, 74/10.15

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KINIC](#) [Drawn Desc](#) [Image](#)

3. Document ID: US 2573208 A

L9: Entry 3 of 3

File: USOC

Oct 30, 1951

US-PAT-NO: 2573208

DOCUMENT-IDENTIFIER: US 2573208 A

TITLE: Motor analyzer

DATE-ISSUED: October 30, 1951

INVENTOR-NAME: LOGAN WILLIAM W

US-CL-CURRENT: 324/378; 324/76.11, 73/117.2

Full	Title	Citation	Front	Review	Classification	Date	Reference					Claims	TOOC	Draw Desc	Image
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Term	Documents
PARALLEL	3741154
PARALLELS	20396
BAR	1444735
BARS	638494
ROD	1694298
RODS	673746
BEAM	1398332
BEAMS	500830
(8 AND (PARALLEL OR BAR OR ROD OR BEAM) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3
(L8 AND (PARALLEL OR BAR OR ROD OR BEAM) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	3

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### Search Results - Record(s) 1 through 33 of 33 returned.

#### 1. Document ID: US 20070153558 A1

L87: Entry 1 of 33

File: PGPB

Jul 5, 2007

PGPUB-DOCUMENT-NUMBER: 20070153558

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070153558 A1

TITLE: Method and apparatus for DC to AC power generator

PUBLICATION-DATE: July 5, 2007

## INVENTOR-INFORMATION:

NAME

Alexander; Robert W.

CITY

STATE

COUNTRY

Alexander; Josette M.

Yucaipa

CA

US

Yucaipa

CA

US

US-CL-CURRENT: 363/131[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn Desc](#) [Image](#)

#### 2. Document ID: US 20020107054 A1

L87: Entry 2 of 33

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107054

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107054 A1

TITLE: Hand-held electronic device

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Fujisawa, Teruhiko

Shiojiri-shi, Nagano-ken

JP

Chihara, Hiroyuki

Okaya-shi, Nagano-ken

JP

US-CL-CURRENT: 455/573[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn Desc](#) [Image](#)

#### 3. Document ID: US 7181179 B2

L87: Entry 3 of 33

File: USPT

Feb 20, 2007

US-PAT-NO: 7181179

DOCUMENT-IDENTIFIER: US 7181179 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Hand-held electronic device

DATE-ISSUED: February 20, 2007

PRIOR-PUBLICATION:

DOC-ID DATE

US 20020107054 A1 August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujisawa; Teruhiko	Shiojiri			JP
Chihara; Hiroyuki	Okaya			JP

US-CL-CURRENT: 455/129; 455/127.1, 455/418, 455/419, 455/420, 455/550.1, 455/572, 455/90.3

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>					<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
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 4. Document ID: US 4671123 A

L87: Entry 4 of 33

File: USPT

Jun 9, 1987

US-PAT-NO: 4671123

DOCUMENT-IDENTIFIER: US 4671123 A

TITLE: Methods and apparatus for pipetting and/or titrating liquids using a hand held self-contained automated pipette

DATE-ISSUED: June 9, 1987

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Magnussen, Jr.; Haakon T.	Pinole	CA		
Smith; Gary L.	Walnut Creek	CA		
Ruskewicz; Stephen J.	Kensington	CA		
Wingo; Anthony K.	Oakland	CA		

US-CL-CURRENT: 73/864.16; 422/926, 436/179, 436/180, 436/51, 73/864.14, 73/864.18

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>					<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
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 5. Document ID: US 4663536 A

L87: Entry 5 of 33

File: USPT

May 5, 1987

US-PAT-NO: 4663536

DOCUMENT-IDENTIFIER: US 4663536 A

TITLE: A.C. motor-generator

DATE-ISSUED: May 5, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roesel, Jr.; John F.	Bradenton	FL		
Barber; Ronnie J.	Bradenton	FL		

US-CL-CURRENT: 290/7; 290/45, 318/705, 318/720, 318/729, 318/814

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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 6. Document ID: US 4600873 A

L87: Entry 6 of 33

File: USPT

Jul 15, 1986

US-PAT-NO: 4600873

DOCUMENT-IDENTIFIER: US 4600873 A

TITLE: Synchronous A.C. motor

DATE-ISSUED: July 15, 1986

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Roesel, Jr.; John F.	Bradenton	FL		
Barber; Ronnie J.	Bradenton	FL		

US-CL-CURRENT: 318/701; 310/163, 310/DIG.2, 318/705, 318/720, 318/729, 318/814

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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 7. Document ID: US 4230402 A

L87: Entry 7 of 33

File: USPT

Oct 28, 1980

US-PAT-NO: 4230402

DOCUMENT-IDENTIFIER: US 4230402 A

TITLE: Flash exposure control system

DATE-ISSUED: October 28, 1980

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Uchiyama; Takashi	Yokohama			JP
Nakamura; Zenzo	Urawa			JP
Ohtaki; Shohei	Yokohama			JP

US-CL-CURRENT: 396/161; 235/64.7, 396/170

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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 8. Document ID: US 4155341 A

L87: Entry 8 of 33

File: USPT

May 22, 1979

US-PAT-NO: 4155341  
DOCUMENT-IDENTIFIER: US 4155341 A

TITLE: Ignition system

DATE-ISSUED: May 22, 1979

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fernquist; James F.	Farmington	MI		
Byrne; James C.	Farmington Hills	MI		

US-CL-CURRENT: 123/406.57; 123/335, 123/617, 123/647[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Text](#) | [Image](#) | [Claims](#) | [KMD](#) | [Draw Desc](#) | [Image](#) 9. Document ID: US 4114009 A

L87: Entry 9 of 33

File: USPT

Sep 12, 1978

US-PAT-NO: 4114009  
DOCUMENT-IDENTIFIER: US 4114009 A

TITLE: Switching and heat control mechanism for induction heating cooking apparatus having a plurality of work coils

DATE-ISSUED: September 12, 1978

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiuchi; Mitsuyuki	Kadoma			JP
Amagami; Keizo	Kadoma			JP
Maeda; Shigeru	Osaka			JP
Saegusa; Shigeharu	Osaka			JP

US-CL-CURRENT: 219/622; 200/17R, 219/625, 219/662[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Text](#) | [Image](#) | [Claims](#) | [KMD](#) | [Draw Desc](#) | [Image](#) 10. Document ID: US 3923138 A

L87: Entry 10 of 33

File: USPT

Dec 2, 1975

US-PAT-NO: 3923138  
DOCUMENT-IDENTIFIER: US 3923138 A

TITLE: Printer with code-controlled tabulator structure

DATE-ISSUED: December 2, 1975

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Willcox; Frederick P.	New Canaan	CT	06840	

US-CL-CURRENT: 400/76; 400/144.2, 400/280, 400/705.4

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Text](#) [Image](#) [Claims](#) [RDMC](#) [Drawn Desc](#) [Image](#)

11. Document ID: US 3915280 A

L87: Entry 11 of 33

File: USPT

Oct 28, 1975

US-PAT-NO: 3915280

DOCUMENT-IDENTIFIER: US 3915280 A

TITLE: Printer format controls

DATE-ISSUED: October 28, 1975

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Willcox; Frederick P.	New Canaan	CT	06840	

US-CL-CURRENT: 400/279; 400/291, 400/320

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Text](#) [Image](#) [Claims](#) [RDMC](#) [Drawn Desc](#) [Image](#)

12. Document ID: US 3738472 A

L87: Entry 12 of 33

File: USPT

Jun 12, 1973

US-PAT-NO: 3738472

DOCUMENT-IDENTIFIER: US 3738472 A

TITLE: PRINTER FOR OFF-LINE PRINTING OF SUBSCRIPT AND SUPERSCRIPT CHARACTERS AND CODED VERTICAL TAB SETTING

DATE-ISSUED: June 12, 1973

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Willcox; Frederick P.	New Canaan	CT	06840	

US-CL-CURRENT: 400/573; 400/575, 400/582, 400/64, 400/707.2, 400/904

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Text](#) [Image](#) [Claims](#) [RDMC](#) [Drawn Desc](#) [Image](#)

13. Document ID: US 3581022 A

L87: Entry 13 of 33

File: USPT

May 25, 1971

US-PAT-NO: 3581022

DOCUMENT-IDENTIFIER: US 3581022 A



DOCUMENT-IDENTIFIER: US 3340632 A

TITLE: Combination sound and slide projector

DATE-ISSUED: September 12, 1967

INVENTOR-NAME: GERRY MARTIN E

US-CL-CURRENT: 353/15; 360/101, 360/251.1, 360/80, 40/906

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KOMC	Drawn Desc	Image
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17. Document ID: US 3324240 A

L87: Entry 17 of 33

File: USOC

Jun 6, 1967

US-PAT-NO: 3324240

DOCUMENT-IDENTIFIER: US 3324240 A

TITLE: Telegraphic progressive printing system

DATE-ISSUED: June 6, 1967

INVENTOR-NAME: KLEINSCHMIDT EDWARD E; KURT TAUBMANN ; BRADBURY WILBURN F

US-CL-CURRENT: 178/25, 101/93.04, 178/30, 375/369, 400/657, 400/662

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KOMC	Drawn Desc	Image
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18. Document ID: US 3207265 A

L87: Entry 18 of 33

File: USOC

Sep 21, 1965

US-PAT-NO: 3207265

DOCUMENT-IDENTIFIER: US 3207265 A

TITLE: Elevator control system

DATE-ISSUED: September 21, 1965

INVENTOR-NAME: LUND ALVIN O; OSTRANDER WILLIAM M

US-CL-CURRENT: 187/284, 187/293

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KOMC	Drawn Desc	Image
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19. Document ID: US 3185075 A

L87: Entry 19 of 33

File: USOC

May 25, 1965

US-PAT-NO: 3185075

DOCUMENT-IDENTIFIER: US 3185075 A

TITLE: High speed printer with print hammer control

DATE-ISSUED: May 25, 1965

INVENTOR-NAME: MCGREGOR ARVIN D; IRVINE JR JAMES M

US-CL-CURRENT: 101/93.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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 20. Document ID: US 3028085 A

L87: Entry 20 of 33

File: USOC

Apr 3, 1962

US-PAT-NO: 3028085

DOCUMENT-IDENTIFIER: US 3028085 A

TITLE: Calculating apparatus

DATE-ISSUED: April 3, 1962

INVENTOR-NAME: DONAN JOHN F; POWELL RALPH R ; CHRISTOFF CHRIS A

US-CL-CURRENT: 708/673, 708/542

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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 21. Document ID: US 3018040 A

L87: Entry 21 of 33

File: USOC

Jan 23, 1962

US-PAT-NO: 3018040

DOCUMENT-IDENTIFIER: US 3018040 A

TITLE: Combined business machine and tape perforator

DATE-ISSUED: January 23, 1962

INVENTOR-NAME: WALES JR NATHANIEL B

US-CL-CURRENT: 235/60.4; 234/108, 234/128, 235/61PJ

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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 22. Document ID: US 2962211 A

L87: Entry 22 of 33

File: USOC

Nov 29, 1960

US-PAT-NO: 2962211

DOCUMENT-IDENTIFIER: US 2962211 A

TITLE: Card controlled calculating punch

DATE-ISSUED: November 29, 1960

INVENTOR-NAME: EDMOND FEBVRE; EUGENIO ESTREMS ; IOINO GHERTMAN ; JEAN ROBINEAU MARCEL

US-CL-CURRENT: 235/434

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMPC	Draw Desc	Image
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 23. Document ID: US 2922332 A

L87: Entry 23 of 33

File: USOC

Jan 26, 1960

US-PAT-NO: 2922332

DOCUMENT-IDENTIFIER: US 2922332 A

TITLE: Electronic devices for locating and measuring indicia

DATE-ISSUED: January 26, 1960

INVENTOR-NAME: LENTZ JOHN J; BENNETT RICHARD L ; ECKERT WALLACE J

US-CL-CURRENT: 235/434, 234/13, 234/65, 234/89, 33/1M, 33/1R, 341/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMPC	Draw Desc	Image
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 24. Document ID: US 2797346 A

L87: Entry 24 of 33

File: USOC

Jun 25, 1957

US-PAT-NO: 2797346

DOCUMENT-IDENTIFIER: US 2797346 A

TITLE: Electric motors

DATE-ISSUED: June 25, 1957

INVENTOR-NAME: RANSEEN EMIL L

US-CL-CURRENT: 310/46; 310/49R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMPC	Draw Desc	Image
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 25. Document ID: US 2616626 A

L87: Entry 25 of 33

File: USOC

Nov 4, 1952

US-PAT-NO: 2616626

DOCUMENT-IDENTIFIER: US 2616626 A

TITLE: Calculator

DATE-ISSUED: November 4, 1952

INVENTOR-NAME: LAKE CLAIR D; AIKEN HOWARD H ; HAMILTON FRANCIS E ; DURFEE BENJAMIN M

US-CL-CURRENT: 708/277, 235/476

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Draw Desc	Image
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26. Document ID: US 2580870 A

L87: Entry 26 of 33

File: USOC

Jan 1, 1952

US-PAT-NO: 2580870

DOCUMENT-IDENTIFIER: US 2580870 A

TITLE: Accumulator

DATE-ISSUED: January 1, 1952

INVENTOR-NAME: WILKERSON VICTOR O

US-CL-CURRENT: 235/427; 235/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Draw Desc	Image
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27. Document ID: US 2427163 A

L87: Entry 27 of 33

File: USOC

Sep 9, 1947

US-PAT-NO: 2427163

DOCUMENT-IDENTIFIER: US 2427163 A

TITLE: Means for increasing the efficiency of full-fashioned knitting machines

DATE-ISSUED: September 9, 1947

INVENTOR-NAME: PAUL SCHMIDT; HAEHNEL HERBERT E

US-CL-CURRENT: 66/82R, 66/110, 66/157

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Draw Desc	Image
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28. Document ID: US 2255868 A

L87: Entry 28 of 33

File: USOC

Sep 16, 1941

US-PAT-NO: 2255868

DOCUMENT-IDENTIFIER: US 2255868 A

TITLE: System and apparatus for facsimile telegraphy

DATE-ISSUED: September 16, 1941

INVENTOR-NAME: WISE RALEIGH J; RIDINGS GARVICE H ; O'BRIEN FREDERIC L ; D HUMY FERNAND E

US-CL-CURRENT: 358/469, 358/476, 358/492, 358/496, 358/498

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMNC	Draw Desc	Image
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29. Document ID: US 2216161 A

L87: Entry 29 of 33

File: USOC

Oct 1, 1940

US-PAT-NO: 2216161

DOCUMENT-IDENTIFIER: US 2216161 A

TITLE: Apparatus for making meteorological observations

DATE-ISSUED: October 1, 1940

INVENTOR-NAME: CURTISS LEON F; ASTIN ALLEN V

US-CL-CURRENT: 340/870.28, 235/61B, 346/33B, 346/33TP, 346/50, 73/170.28

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Image	Claims	KIMC	Drawn Desc	Image
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 30. Document ID: US 2125071 A

L87: Entry 30 of 33

File: USOC

Jul 26, 1938

US-PAT-NO: 2125071

DOCUMENT-IDENTIFIER: US 2125071 A

TITLE: Battery protecting control scheme

DATE-ISSUED: July 26, 1938

INVENTOR-NAME: HUTCHISON WILLIAM M; JONES RUEL C

US-CL-CURRENT: 320/123, 307/35, 307/64

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Image	Claims	KIMC	Drawn Desc	Image
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 31. Document ID: US 1816967 A

L87: Entry 31 of 33

File: USOC

Aug 4, 1931

US-PAT-NO: 1816967

DOCUMENT-IDENTIFIER: US 1816967 A

TITLE: Telephone system

DATE-ISSUED: August 4, 1931

INVENTOR-NAME: GREEN IRVING W

US-CL-CURRENT: 379/131; 322/55, 379/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Image	Claims	KIMC	Drawn Desc	Image
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 32. Document ID: US 1589489 A

L87: Entry 32 of 33

File: USOC

Jun 22, 1926

US-PAT-NO: 1589489

DOCUMENT-IDENTIFIER: US 1589489 A

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: June 22, 1926

INVENTOR-NAME: Name not available

US-CL-CURRENT: 123/606; 315/201, 315/206, 315/209M, 315/212, 315/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	...	...	Claims	KOMC	Drawn Desc	Image
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33. Document ID: US 1366617 A

L87: Entry 33 of 33

File: USOC

Jan 25, 1921

US-PAT-NO: 1366617

DOCUMENT-IDENTIFIER: US 1366617 A

TITLE: Telephone

DATE-ISSUED: January 25, 1921

INVENTOR-NAME: WIER HARRY B; CAPEN WILLIAM H

US-CL-CURRENT: 360/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	...	...	Claims	KOMC	Drawn Desc	Image
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PARALLEL	3741154
PARALLELS	20396
BAR	1444735
BARS	638494
ROD	1694298
RODS	673746
BEAM	1398332
BEAMS	500830
(86 AND (PARALLEL OR BAR OR ROD OR BEAM)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	33
(L86 AND (PARALLEL OR BAR OR ROD OR BEAM)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	33